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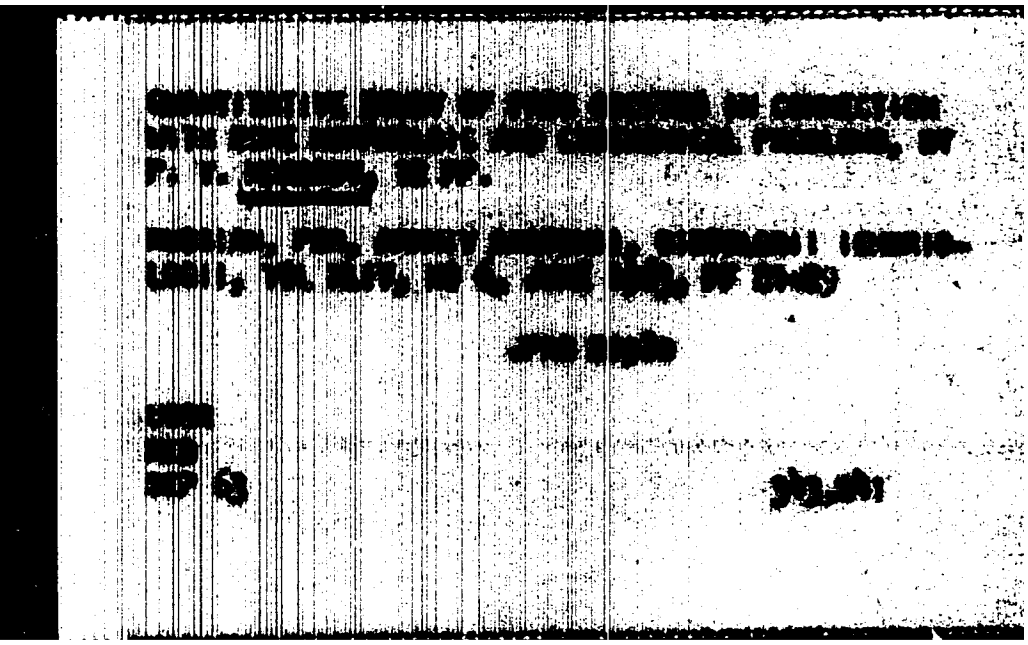

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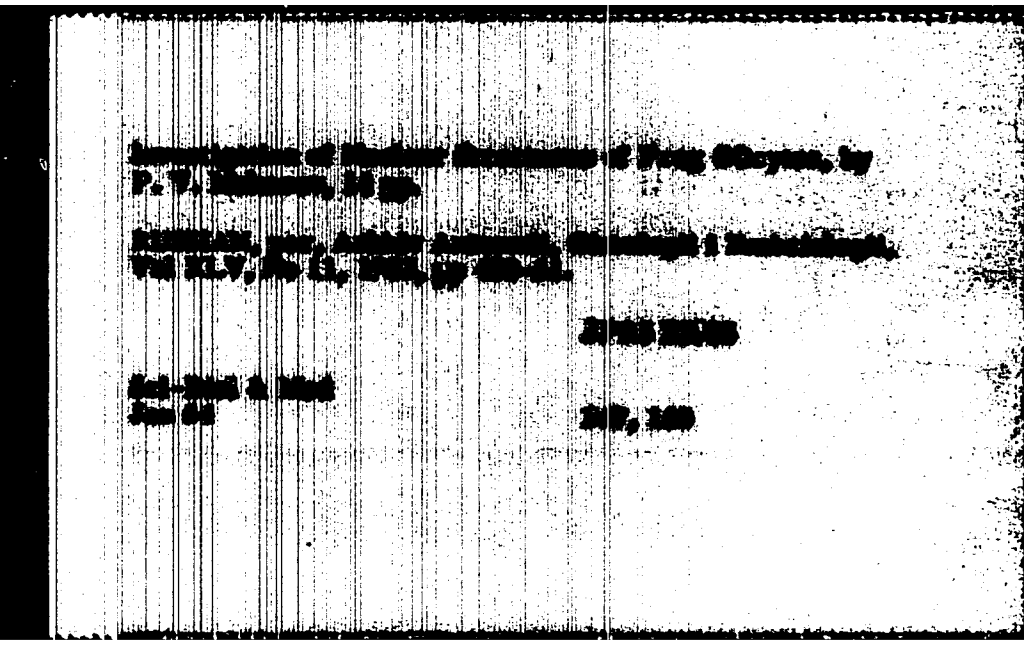

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[DSIR LLU] M2127 (text in German).
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DESCRIPTORS: *Cytology, *Chromosomes, Cells (Biology) *Spermatogenesis.

(Biological Sciences--General, TT, v. 7, no. 1)

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DESCRIPTORS: Theory, *Nucleic acids, Biology, Proteins, Molecules, Genetics, Chromosomes, Mitosis, *Cells (Biology), Embryos, Histology, Biochemical genetics.

(Biological Sciences--Biochemistry, TT, v. 7, no. 1)

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REACTIONS OF POLYFLUORINATED NITROSOALKANES WITH UNSATURATED COMPOUNDS, BY S. P. MAKAROV, V. A. SHPANSKIY, 4 PP.

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The Fluorination of Silver and Potassium Cyanates, by A. Ya. Yakubovich, M. A. Englin, S. P. Makarov, 6 pp.

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Synthesis of Elementary Organic Compounds of the Aliphatic Series by the Diazo Method. I. Synthesis of the Compounds of Elements of Group V - Antimony, Arsenic, and Bismuth Organic Compounds, by A. Yn. Yakubovich, S. P. Makarov, 19 pp.

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Synthesis of Organo-Elemental Compounds by the Diazo Method. V. Synthesis of Compounds of Elements of the IV Group - Organo-Lead Compounds, by A, Ya. Yakubovich E. N. Merkulova, S. P. Makarov, G. I. Gavrilov, 4 pp.

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Some Counter Telescope Calculations, Illumination of Vertical Telescope, by S. V. Makarov.

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Makarov, S. Z. and Sokovnin, Ye. I.
ON THE SOLUBILITY OF POTASSIUM OZONIDE IN LIQUID AMMONIA. THE $NH_3$-$KO_3$ SYSTEM.
24 May 61 [1]p. AID rept. 61-81. AD-257 921
Order from OTS or SLA $1.10 61-23492

Abstract trans. of Akademiya Nauk SSSR. Doklady, 1961, v. 137, no. 3, p. 612-613.

DESCRIPTORS: *Ozonides, Potassium compounds, Solubility, Liquid ammonia.

The temperature range for the study was -33 to -80°C, corresponding to the liquid state of ammonia. The latter temperature corresponds to a eutectic composition with 5.1 g of $KO_3$ per 100 g of $NH_3$. Solubility at -35°C was approximately 15 g of $KO_3$ per 100 g of $NH_3$. Study of the crystallization conditions made it possible to obtain potassium ozonide in the purest form known to date--98.1% pure by weight. (Extracted)

61-23492

I. Makarov, S. Z.
II. Sokovnin, Ye. I.
III. Title: $NH_3$...
IV. AID-61-81
V. Air Information Div., Washington, D. C.
VI. AD-257 921

Office of Technical Services
(Chemistry--Inorganic, TT, v. 6, no. 7)

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Complex Compounds of Halogenated Salicylic Acids with Manganese(III), by S. Z. Makarov, F. B. Glikina, 4 pp.

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Synthesis and Study of the Properties of Lithium Peroxide Diperhydrate, by S. Z. Makarov, T. A. Dobrynina, 4 pp

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S. Z. Makarov, 6 pp.

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The Peroxides of Titanium, Zirconium, and Cerium Formed in the Reaction of their Hydroxides with Hydrogen Peroxide, by S.Z. Makarov, L.V. Ladeinova, 5 pp.

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V'YL'NOV, I. I.
MAKAROV, S. Z.

Solubility Isotherms of the Ternary System $Ca(ClO_3)_2$-$CaCl_2$-$H_2O$ at 55 and 75° C, S. Z. Makarov, I. I. Vol'nov, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 201 - 204, 1951. Approx 1,000 words; 2 tables 2 figures; 8 references. Price $4.00 ($1.00)

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New Jersey

AP 7461

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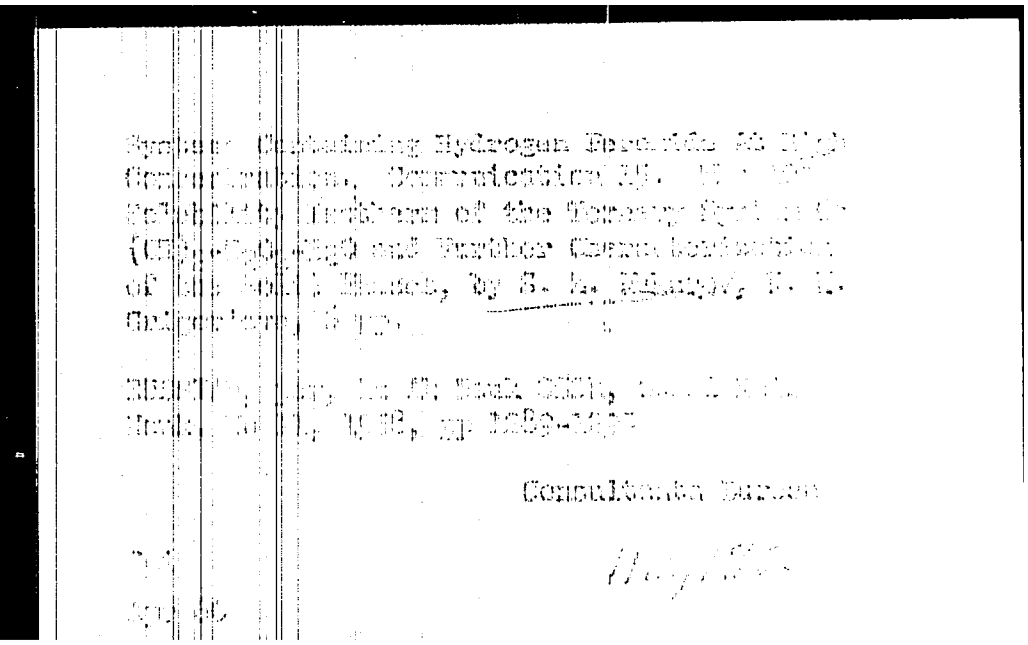

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Peroxy Compounds of Zirconium as Products of the Interaction of the Hydroxide With Hydrogen Peroxide, by S. Z. Makarov, L. V. Ladeynova, 6 pp.

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The Solubility Diagram of Potassium Carbonate-Sodium Carbonate-Water and Its Application to the Separation of Potassium and Sodium Carbonates, by S. Z. Makarov, M. P. Shul'gina, 21 pp.

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The Thermal Decomposition of Chromyl Chloride and the Formation of Polychromyl Dichlorides $(CrO_2)_nCl_2$. S. Z. Makarov, A. A. Vakhrushev, 7 pp.

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System $Na_2SO_4$-$Na_2CO_3$-NaCl-($NaOH$-$H_2O$) and Its Application to the Removal of NaCl From NaOH, by S. Z. Makarov and L. S. Ilkina.

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